

# FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

30 JUNE 1977

## Interdisciplinary Studies

### THE DEVONIAN BOTANIC GARDEN

Drive west on highway 16 to the Devon turnoff. Then, drive south for nine miles on highway 60 and look for large green signs: they will direct you to the University of Alberta Devonian Botanic Garden.

Why should a member of Interdisciplinary Studies be located so far from the University? Patrick Seymour, Director of the Garden, explains that it is situated on the remains of glacial Lake Edmonton, that is, on a composite of aeolian sand dunes and peat sloughs. The landscaped areas are on a mixture of peat and sand. This combination makes for excellent growing conditions.

But why a University Garden? One basic aim is to broaden the range of plant materials that will grow in the Edmonton region. Hence, in 1959, H.A. Dyde, Q.C., an alumnus of this University, donated land for this purpose. However, the attempt to establish the project met with disaster in 1974; a flood in the Parkland County area destroyed most of the plants. "A blessing in disguise," says Mr. Seymour. Friends of the Botanic Garden, a non-profit organization supporting the work and development of the Garden, was able to get a grant of \$375,000 from the Devonian Foundation to repair the damage, develop new gardens, build headquarters and greenhouses. Happily, the grant was matched by the Department of Advanced Education and Manpower.

The alpine garden was the first major project. It is furnished with alpine plants from Europe, Asia, New Zealand, and South and North America. Alpine plants were the logical choice. The Garden has good snow cover and an altitude to accommodate those plants from around the world which grow in similar conditions. Their "winter hardiness" is tested with the hope that some of them will grow successfully here and thereby broaden the range of plant materials which will grow in the Edmonton Region. One success is the blue poppy indigenous to the Himalayas. It has almost become the Garden's symbol.

An unusual collection, and one that Mr. Seymour is rather proud of, is the Nineteenth Century Shrub Rose Garden. It has thirty

varieties altogether and each is noted for its heady scent. The roses were purchased from New Zealand in June of 1976 and were out of the ground for only one week. They bloomed well in 1976 and ninety-five percent of them survived the winter.

An herb garden is now in the design stage, but the results will be most interesting. It will contain culinary, medicinal, poisonous, and dye herbs. And herbs illustrating the mediaeval doctrine of signatures: a physician of that period believed that if a plant, or part of a plant, resembled a part of the body, it could be used to cure that part were it diseased. Liverwort, for example, was used in the treatment of diseases of the liver because its shape was similar to that organ.

The Devonian Garden is also planning a display of plants used by native peoples. Funded by the Imperial Oil Company, it will show what was used by them for cooking and medicinal purposes. It is hoped that this project will be completed in 1978. In addition, plants indigenous to this province—from the prairie regions to the mountains—are being gathered to form a labelled collection where visitors can learn to identify the flora of Alberta. It is expected that there will be approximately four thousand specimens.

Future objectives of the Garden are varied. It hopes to provide outdoor laboratory space for university and high-school students, to take an active part in the proposed National Botanic Garden System for Canada as well as the National Gene Pool Conservation Programme. To this extent, the Garden is already maintaining a historic collection of four hundred varieties of *Gladiolus*, known as the Kilduff Collection.

The Garden considers public relations as an important and integral part of its work. The Friends of the Devonian Botanic Garden, founded in 1971, encourages public interest in and support of many projects. The Friends, in turn, receive the news magazine "Kinnikinnik" containing reports on hardiness trials and horticultural information, enjoy winter meetings with guest speakers and slide presentations, and receive free seed of rare or unusual plants. Certain members of the Friends have organized a Botanic Garden Club to develop fund-raising projects including sales of dried bouquet materials, arrangements, post



Meconopsis betonicifolia or blue Himalayan poppy, which flowers in mid-summer.

cards, and note paper.

A visit to the Devonian Botanic Garden is a refreshing experience. But, it should be remembered that it is not a park. It is a facility for the study and appreciation of plants. Visitors are asked to supervise small children and to ensure that no plant or other material is disturbed. And, no pets are allowed. The Garden will be open during the following hours this summer: Saturday, Sunday, and public holidays, 1 p.m. to 6 p.m.; and during June, July, and August, Monday to Friday from 3 p.m. to 9 p.m.

## ROYAL SOCIETY HONORS PROFESSORS

The Royal Society of Canada, at its Annual Meeting held in Fredericton in early June, honored two University of Alberta professors. Walter Harris, Professor and Chairman of the Department of Chemistry, was elected to Fellowship in the Royal Society for his work in analytical chemistry. R.E. Folinsbee, Professor of Geology, was elected President of the Society.

Dr. Folinsbee was elected to Fellowship in the Society in 1956 and over the years has served it in a variety of ways. He has been a member of the Council, and in 1970 he was President of the Academy of Sciences of the Royal Society.

Dr. Harris, who received his BSc and his MSc in Chemistry from this University and his PhD from the University of Minnesota, has done research and published in the fields of electroanalytical chemistry, synthetic rubber, hot atom chemistry, and chromatography. He has coauthored a number of books: *Programmed Temperature Gas Chromatography* with H.W. Habgood of the Alberta Research Council, *Chemical Separations and Measurements* with B. Kratochvil, Professor of Chemistry, and the second edition of *Chemical Analysis* with H.A. Laitinen of the University of Florida. In recent years, Dr. Harris has been awarded the Outstanding Achievement Award of the University of Minnesota, the Fisher Award in Analytical Chemistry, and the Chemical Education Award of the Chemical Institute of Canada.

Over the years, the Royal Society has been changing gradually, Dr. Folinsbee feels, from a group of three Academies primarily concerned with electing distinguished scholars to its fellowship and with awarding prizes and medals for excellence in learning and research in the arts and sciences to a group with broader concerns in issues of more immediate importance to society.

In 1970 when Dr. Folinsbee was elected President of the Academy of the Sciences, he warned in his presidential address that the mid-seventies would see an energy crisis. This year's Society Symposium, which was organized by Dr. Folinsbee, who was Program Chairman for the Annual Meeting, dealt with "Shifts in the balance of Canada's resource endowments." (Three of the speakers were connected either directly or



R.E. Folinsbee



Walter Harris

indirectly with this University: Fred Bentley, Professor of Soil Science, spoke on resource endowments and agricultural change, George Govier, former Dean of Engineering, delivered a speech on the fossil fuel resources of the western provinces, and Cal Evans, a graduate in Geology and Physics and now Exploration Manager for Imperial Oil, spoke on the need for Canada to develop the oil and gas resources of the Arctic.) The Society's interest in, and concern for, issues of national and international importance is an indication of its increasing sense of responsibility and involvement.

## VISITORS

■ R. Raghavan of Simon Fraser University gave a lecture on "Bicritical spin dynamics and the renormalization group: a two time scale problem" to the Theoretical Physics Institute on 8 June. R. Rockmore of Rutgers University delivered a lecture on "The  $\pi$ -D scattering length" to the Institute on 15 June.

## PEOPLE

■ Bruce Bain, Associate Professor of Educational Psychology, and Agnes Yu, Graduate Student in Educational Psychology, have a paper entitled "Toward an integration of Piaget and Vygotsky: cross-cultural replication concerning cognitive consequences of bilingualism" in *The Fourth Linguistic Association of Canada and United States Forum*. Dr. Bain also recently presented a paper at the 1977 Annual Meeting of the Hong Kong Psychology Association; the paper was entitled "A cross-cultural model of language and cognition." At the Universities Service Centre of Hong Kong, Dr. Bain also gave a public address on "The political climate in Canada today."

**FOLIO** is published for the staff and other interested persons by the Publications Office, The University of Alberta, Edmonton, Alberta. Copyright 1977.

■ Heather Horch, Library Clerk at Cameron Library, will be a member of Greater Europe Mission's summer music team, which is travelling to France. The team, which will be headquartered at the European Bible Institute near Paris, is scheduled to give a series of concerts throughout France.

Greater Europe Mission is a non-denominational missionary agency that operates nine Bible institutes and a theological seminary, establishes churches, and engages in evangelism in thirteen European countries.

■ Milan V. Dimic, Professor of Comparative Literature, presented a paper entitled "Vuk Karadzic's collection of erotic folk songs" on 14 May at this year's annual meeting of the Canadian Association of Slavists in Fredericton.

## NOTICES

### BRETON PLOTS FIELD DAY

A Field Day is being sponsored by the Departments of Soil Science and Agriculture at the Breton plots located about seventy miles south-west of Edmonton. The plots, composed of sulphur-deficient Gray Luvisolic soils, have been in operation since 1930 and show the effects of fertilizers and crop rotations on soil productivity.

The theme of the Field Day is "Soil and fertilizer nitrogen." Among the topics to be discussed are "Nitrogen fertilizers available in Alberta, their characteristics, advantages, and disadvantages," "Other sources of nitrogen available to the farmer: manure, legumes, other possibilities," and "Time of application of nitrogen fertilizers for annual crops: results of some current studies." There will be tours of the plots including the long-term experiment and some new ones. In case of inclement weather the field trip will be replaced by the film *Making the Most of a Miracle* and a resumé of the findings of the Breton plots. The program begins at 1 p.m.

### FAMILY LIFE SEMINARS

There will be a seminar on love, marriage, and sex every first Tuesday of the months of July, August, and September at 7 p.m. in the KIVA Room, N2-103 Education North. For more information contact D. Sawak Sarju at 436-0885 or 352-7096.

### SUMMER SESSION FILM SERIES

The University's Chaplains' film series this summer will bear the theme "the quiet violence of society." Some questions which the film series hopes to explore include: "Does society have too little toleration for creative dissent and disorder?" "Do some

groups or individuals in society have undue influence and power over other people?" "How do people cope with the oppression or suppression they experience in their lives?" "How do persons trapped in dehumanizing situations preserve their humanity?"

Films being shown are *Catch 22* (7 July, Thursday), *Wedding in White* (11 July, Monday), *Citizen Kane* (18 July, Monday), *A Day in the Death of Joe Egg* (25 July, Monday), and *Jesus Christ Super Star* (2 August, Tuesday). All showings will begin at 7:30 p.m. in TL-11, Tory Building. Each film will be followed by a discussion.

Series membership is \$5 and may be obtained in 158 Students' Union Building.

#### "COMMITMENTS" WINS AWARD

The Department of Radio and Television has received an Award of Merit from the Association for Media and Technology in Education (AMTEC) for its film "Commitments". "Commitments" is a documentary about two families with Down's syndrome children who have received help from a program for the very young retarded child created by Gerry Kysela, Associate Professor of Educational Psychology. It was produced and directed by Brian Kienapple of the Department of Radio and Television and was broadcast earlier this year on CFRN's *Midweek*.

The Award was given at the AMTEC Media Festival in early June. Of forty-seven entries in the video-tape category at the Festival, thirteen received Awards of Merit and four Awards of Excellence. AMTEC is a national organization that includes in its membership school boards, universities and colleges, and educational media such as ACCESS and TVOntario.

### THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred.

#### 30 JUNE, THURSDAY

##### Biochemistry Seminar

12:30 p.m. "Specific interaction between mouse liver, non-histone chromosomal proteins, and mouse DNA," with speaker Barry Lesser. 470 Medical Sciences Building.

##### Theoretical Physics Institute Lecture

2 p.m. "The pair correlation function for dilute gasses (Ornstein-Zernike Theory)," with speaker D. Abraham, Oxford University. P640 Physics Building.

##### Cinematheque 16

7:30 p.m. *Reed: Insurgent Mexico* (Mexico, 1971). Directed by Paul Leduc. Downstairs.



#### APPOINTMENT

Roger S. Smith, currently Acting Dean of Business Administration and Commerce, will become Dean on 1 August 1978 after a year's sabbatical; during that year, D.G. Tyndall will serve as Acting Dean. Dr. Smith received his MA and PhD from Berkeley and attended Harvard as a Woodrow Wilson Fellow in 1964-65. Before joining the University in 1969 as an Assistant Professor of Business Economics, he worked in the Office of Tax Analysis in the US Treasury Department. In 1975 he became Professor of Business Economics and Economics, a joint appointment. Dr. Smith has also been a Visiting Scholar in the University of Indonesia's Faculty of Economics, an economist for the International Monetary Fund, and a fiscal affairs expert for the World Bank Mission to Sierra Leone. He is the coauthor of two books: *Local Income Taxes: Economic Effects and Equity and National Income Analysis and Forecasting*.

Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

#### 1 JULY, FRIDAY

##### Cinematheque 16

7:30 p.m. *Reed: Insurgent Mexico* (Mexico, 1971). Directed by Paul Leduc. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

#### 2 JULY, SATURDAY

##### Faculty Club

Downstairs. Barbecue your own: steak, \$5.50, chicken, \$4.25, baked potato, salad bar, lemon meringue pie.

Upstairs. Regular dinner menu. Reservations required.

##### National Film Theatre

7 p.m. *Ototo/Her Younger Brother* (Japan, 1960). Directed by Kon Ichikawa.  
9 p.m. *Watashi Wa Nisai/I Am Two* (Japan). Directed by Yasushi Akutagawa. Zeidler Hall, Citadel Theatre. Admission: a \$1 donation for each film is requested.

#### 3 JULY, SUNDAY

##### National Film Theatre

7 p.m. *Shitoyaka Na Kemono/Elegant Beast* (Japan). Directed by Yuzo Kawashima.  
9 p.m. *Eburiman-Shi No Yuga Na Seikatsu/The Elegant Life of Mr. Everyman* (Japan). Directed by Kihachi Okamoto. Zeidler Hall, Citadel Theatre. Admission: a \$1 donation for each film is requested.

##### Student Cinema

7 p.m. *Rod Stewart and Faces* (Great Britain, 1974).  
9 p.m. *The Man Who Fell to Earth* (Great Britain, 1976). Directed by Nicolas Roeg and starring David Bowie and Candy Clark. Students' Union Theatre. Admission is \$2.

Tickets available at the HUB Box Office and at the door.

#### 5 JULY, TUESDAY

##### National Film Theatre

8 p.m. *Sasameyuki/The Makioka Sisters* (Japan, 1950). Directed by Yukata Aba. Zeidler Hall, Citadel Theatre. Admission: a \$1 donation is requested.

#### 6 JULY, WEDNESDAY

##### Student Cinema

7 p.m. *Elvira Madigan* (Sweden, 1967). Directed by Bo Widerberg and starring Pia Degermark and Thommy Berggren.  
9 p.m. *Images* (United States, 1972). Directed by Robert Altman and starring Susannah York. Students' Union Theatre. Admission is \$2. Tickets available at the HUB Box Office and at the door.

#### 7 JULY, THURSDAY

##### Chaplains' Film Series

7:30 p.m. *Catch 22*. TL-11 Tory Building. Series membership is \$5 and may be obtained in 158 Students' Union Building.

#### 8 JULY, FRIDAY

##### Faculty Club

Downstairs. From the grill: steak sandwiches, hamburgers, french fries, hot beef dips, tossed salad.  
Upstairs. Lobster, \$12.50. Also regular dinner menu. Reservations required.

##### Student Cinema

7 p.m. and 9:30 p.m. *The Duchess and Dirtwater Fox* (United States, 1976). Directed by Melvin Frank and starring George Segal and Goldie Hawn. Students' Union Theatre. Admission is \$2. Tickets available at the HUB Box Office and at the door.

## 9 JULY, SATURDAY

### Faculty Club

*Downstairs.* Saturday special: veal and ham pie, French bread, salad bar, carrot cake. \$4.75.

*Upstairs.* Lobster, \$12.50. Also regular dinner menu. Reservations required. Entertainment: Vern Hettinger Trio.

### EXHIBITIONS AND PLAYS

#### University Art Gallery

To 30 June. An exhibition of paintings and ideas for new paintings by Alex Bruning. Gallery hours are 11 a.m. to 4 p.m. Monday through Friday. The Gallery is located just south of the Faculty Club off Saskatchewan Drive.

#### University Observatory

*Continuing.* Group tours of the Observatory may be arranged during the summer months. Admission is free. For further information telephone 432-4201.

#### Rutherford House

*Continuing.* The House, 11153 Saskatchewan Drive, is furnished in its original manner. Admission is free. Saturday and Sunday, 12 noon to 6 p.m. Tours by appointment, telephone 427-3995 weekends, 427-5708 weekdays.

#### Provincial Museum

*Continuing.* "Documentary Heritage," a long-term exhibition displaying valuable manuscripts and documents in the Provincial Archives of Alberta. Archives Gallery.

To 10 July. "The National Print Show," an exhibit of one hundred historical and contemporary photographs by Canadian professional photographers. Feature Gallery 2. To 24 July. "Toys from Switzerland," a collection of old and new handmade toys including primitive, wooden, and folk toys as well as music boxes and photographs. Feature Gallery 3.

To 31 August. "The Ubiquitous Seagull," an exhibit that explains the distribution, breeding biology, and migration of Alberta's common gulls. Feature Gallery 1.

#### Edmonton Art Gallery

Through June. "Sculpture from the Collections," an exhibition of sculptures held by the Gallery.

To 11 July. "Children in Bondage." An exhibition of one hundred photographs taken during the period 1908-21 by Lewis Hine that were instrumental in focusing public attention on child abuses and in helping to secure the enactment of child labor legislation.

*Cancellation.* "American Masters in the West." In its place an exhibition from the Gallery's collection capturing the spirit of the pioneers.

## RESEARCH GRANTS

### Granting Agencies: Application Deadlines

This list of deadline dates for submissions to granting agencies for research funds, exchange programs, and travel grants is published every month in *Folio*. In order to allow sufficient time for processing, all applications should reach the Research Grants and Contracts Office at least ten days before the deadline date. Where other University resources are involved, the time requirement may be longer than ten days and such applications should therefore be submitted well in advance. An extra copy of the application should be provided for the Research Grants and Contracts Office.

Further information may be obtained by consulting the *Calendar of Granting Agencies for Research Funds, Exchange Programs, and Travel Grants*, which is available in the offices of deans, directors of institutes, centres, and schools and department chairmen, or by telephoning the Research Grants and Contracts Office, 432-5360. Note: Although the Calendar is updated on a continuous basis, the following information could be subject to change without notice. If staff members have advanced information on forthcoming changes, the Research Grants and Contracts Office would appreciate being advised. Code: (R) Research funds; (E) Exchange programs; (T) Travel grants.

### Calendar

source	Granting	Deadline
number	Code Agency	date
(25)	R American Philosophical Society	6 Aug.
		8 Oct.
		9 Dec.
		10 Feb.
		(1978)
		7 Apr.
		(1978)
(150)	R Department of Manpower and Immigration	31 Aug.
		31 Dec.

## SURPLUS EQUIPMENT LISTING

The equipment listed below has been declared surplus. If your department is interested in any of this surplus equipment, please get in touch with the declaring department and arrange a satisfactory price. Once you have arrived at a price, make up a purchase requisition showing the account to be charged and forward the requisition to the Purchasing Department.

All departments are encouraged to dispose of surplus equipment. This disposal is accomplished by completing a surplus equipment declaration form and forwarding it to the Purchasing Department. Proceeds from such disposals are normally credited to the accounts from which the equipment was originally purchased; however, this is not always the case. For further information and details on the disposal of surplus equipment, telephone Bonnie O'Dwyer or Roy Bennett at 432-3208.

One dry ice chest  
For further information, telephone D. Downer, Department of Biochemistry, 432-5153.  
3,600 Utility clamps (Fisher catalogue number 5-767)  
1,200 Filter Vac Rubber No. 2, with  $\frac{1}{4}$ -inch hole (Fisher catalogue number 8-282A)  
1,000 Flasks, flat-bottom Florence, 500 ml (Corning catalogue number 4060)

For further information, telephone A.J. Logan, Department of Chemistry, 432-4871.

## POSITIONS VACANT

### ACADEMIC POSITIONS

#### Executive Assistant—Education

##### Department of Medicine

The position of Executive Assistant—Education entails the challenge of providing planning and administrative assistance in connection with the Department's diversified educational activities. The educational activities in the Department of Medicine involve continuous interaction with a staff of approximately forty full-time and sixty part-time teaching physicians at the University of Alberta Hospital and its five affiliated hospitals and a rotating student body of some 300 undergraduate and post-graduate students.

*Qualifications:* Demonstrated planning and administrative skills coupled with the ability to function effectively in a complex professional and institutional structure are essential. Equally required are above average communication skills, initiative, and diplomacy. The applicant must have a sound knowledge of the health care system, its organization, provincial regulations, social and economic dimensions, and an interest in educational activities in general, and medical education in particular. A university degree in administration is required; extensive administrative experience preferably in a hospital, health, or medical setting is desirable. *Salary range:* \$15,448 to \$23,161 per annum, commensurate with qualifications and experience. Please apply with comprehensive résumé to: E.H. Shell, Administrative Officer, Department of Medicine.

#### General or Senior Librarian

##### College Universitaire Saint-Jean

*Responsibilities:* To set up, organize, and operate our new resource centre at Collège Universitaire Saint-Jean. *Qualifications:* Candidate must possess: professional library training or equivalent, experience in teaching, and proficiency in French. Knowledge of the programs of studies for Alberta schools would be an asset. *Salary:* Negotiable. *Contract:* two years. *Applications to be sent to:* Huguette Hébert, coordinator, Projet Spécial, Collège Universitaire Saint-Jean, 8406 91 Street, Edmonton, Alberta T6C 4G9. Telephone 466-2196 (extension 44 or 22).

### NON-ACADEMIC POSITIONS

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 24 June.

Clerk Typist II (\$644-\$751)—Personnel Services and Staff Relations (two positions); Romance Languages; Faculty of Graduate Studies and Research; University Health Services; Secondary Education

Office Services File Clerk (\$644-\$751)—Office of the Registrar

Clerk Steno II (\$644-\$779)—Athletic Services; Office of the Comptroller

Senior Clerk (\$696-\$843)—Personnel Services and Staff Relations; Office of the Registrar

Clerk Typist III (\$696-\$843)—Computing Science; Faculty of Pharmacy and Pharmaceutical Sciences

Clerk Steno III (\$721-\$877)—Psychiatry; Chemical Engineering; Zoology; Faculty of Pharmacy and Pharmaceutical Sciences; Educational

Administration; Faculty of Extension  
 Bookkeeper II (\$721-\$877)—Faculty of Extension  
 Admissions Records Trainee (\$751-\$914)—Office of the Registrar  
 Secretary (\$811-\$994)—Pathology; Pediatrics; Office of the Registrar; Athletic Services  
 Administrative Clerk (\$843-\$1,034)—Genetics; Student Records Office  
 Histology Technician (\$438-\$457, part-time)—Anatomy  
 Storeman I (\$557-\$674, four-fifths time)—Art and Design  
 Laboratory Assistant I (\$644-\$696)—Faculty of Dentistry  
 Dental Assistant (\$670-\$811)—Faculty of Dentistry  
 Audio-visual Assistant (\$696-\$843)—Audio-visual Media Centre  
 Laboratory Assistant III (\$751-\$914)—Provincial Laboratory  
 Technical Assistant (\$779-\$952)—Provincial Laboratory  
 Equipment Assistant I (\$779-\$952)—Faculty of Physical Education  
 Ice Rink Attendant (\$779-\$952)—Athletic Services  
 Storeman II (\$811-\$994)—Chemistry  
 Assistant Herdsman (\$843-\$1,034)—Animal Science  
 Technician I (\$843-\$1,034)—Drama; Soil Science (two positions); Biomedical Engineering; Faculty of Education  
 Civil Engineering Technician I (\$843-\$1,034)—Civil Engineering  
 Dental Technician I (\$877-\$1,078)—Faculty of Dentistry  
 Farm Equipment Operator (\$952-\$1,173)—Animal Science  
 Technician II (\$952-\$1,173)—Music  
 Technologist I (\$952-\$1,173)—Faculty of Home Economics, Foods and Nutrition  
 Chemical Technologist I (\$952-\$1,173)—Faculty of Home Economics  
 Art Technician Demonstrator I (\$1,034-\$1,278)—Drama; Art and Design  
 Parking Control Supervisor (\$1,034-\$1,278)—Physical Plant  
 Machinist Technician II/III (\$1,078-\$1,520)—Physics  
 Art Technician Demonstrator II (\$1,173-\$1,455)—Drama (two positions)

Machinist Technician III (\$1,224-\$1,520)—Technical Services  
 Farm Ranch Manager I (\$1,224-\$1,520)—Agricultural Engineering  
 Biology Technologist III (\$1,224-\$1,520)—Genetics  
 Programmer Analyst III/IV (\$1,335-\$1,985)—Administrative Systems  
 Television Producer III (\$1,393-\$1,734)—Radio and Television  

*The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board postings in the Library Personnel Office, 516 Cameron Library, should be consulted for further information about position requirements and availability.*

 Library Clerk II (\$644-\$779)—Acquisitions; Bindery  
 Library Clerk III (\$696-\$843)—Aquisitions  
 Library Assistant II (\$843-\$1,034)—Education  
 Programmer Analyst III (\$1,335-\$1,660)—Systems Divisions

## PERSONAL NOTICES

*All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 15 cents per word for the first week and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.*

### Accommodation available

For sale—1,784-square-foot, four-bedroom split. \$79,500. Family room with fireplace and built-in bookshelves. Large landscaped lot with 22 x 24 garage pad in back. Very nice district, 7715 175 Street. Immediate possession. To view, telephone owners: 487-3310.  
 For rent—three-bedroom semi-bungalow within walking distance of the University. Available 1 July 1977. Telephone 436-4622.  
 Elmwood—by owner. Three-bedroom bungalow; 1½ baths, rumpus room with bar and extra bedroom downstairs. Well landscaped and

fenced. \$74,500. Principals only. 489-4205 after five.

For rent—three-bedroom condominium, full basement, 1½ baths, attached double carport, fenced patio, fireplace, appliances. Twenty minutes to University, downtown. \$450. North Mill Woods. 462-7585.

For rent in B.C.—or exchange for Edmonton house—for four to six winter months. Attractive, two-bedroom home, completely furnished, including large library. Electric heat, all major appliances, open fireplace, garage. Superb waterfront location on Georgia Strait, 1½ hours north of Vancouver on mainland. Ideal for sabbatical, study, or holiday. References required. Write, Dr. M. MacKenzie Stewart, Box 1018, Gibsons, B.C. V0N 1V0. Additional details by telephoning 439-4446.

Near University—drive by: 11422 74 Avenue. Three bedrooms, immediate possession. \$65,000. Resi Richter, 455-4135; 488-6930. Weber Realty.

For rent—private, comfortable sleeping room; T.V., breakfast, and laundry. \$190 per month. Mature female student only. Available from 15 July. Telephone 436-5141 after six.

Leduc, by owner—1,167-square-foot three-bedroom bungalow; fireplace, up-graded carpeting. \$59,900. Telephone 986-8172; 432-3063 weekdays. Townhouse condominium for rent. Excellent condition. Features three bedrooms, patio doors, built-in appliances, and covered parking. Excellent location close to all amenities and twenty minutes from University. 1 July possession. References required. Asking \$440 per month. Telephone Jeanne Eid 434-5780 residence, or 436-5250 business.

For rent—furnished three-bedroom duplex. \$495. Available 1 July, short or long term. 9714 88 Avenue. Telephone 433-3370 between 5 - 9 evenings only.

North Windsor Park—beautiful two-storey three-bedroom, den, three baths, double garage. Mint condition. Mrs. Proudfoot, 435-4869, 436-2556 for details. Royal Trust Corporation. Building lots—Pigeon Lake; North Pender Island; Anglemont, B.C. All treed, serviced. Mrs. Proudfoot, 435-4869, 436-2556. Royal Trust Corporation.

For sale—Belgravia. Spacious three-bedroom bungalow, L-shaped living-dining room, acorn fireplace. Large kitchen, new dishwasher, two new furnaces. Excellent condition. Telephone 434-5788.

For rent—two-bedroom executive home with fireplace, completed basement, beautiful grounds, central west-end location. 488-3312.

For rent—townhouse. Four bedrooms, extra features. Mill Woods. 462-3954 evenings.

For rent—two storey three-bedroom half duplex. 11212 123 Street. Telephone 434-7081 before 10 a.m.

Hardisty—three-bedroom, 2,000-square-foot bi-level; two fieldstone fireplaces, completely finished lower level with carpeted rumpus room, bedroom, bathroom, and large laundry room. View lot, landscaped, fenced back yard faces park which leads into river valley. Many extras. One-year lease. Available 1 September. \$525. Will consider selling, \$77,500. 469-6016.

Royal Trust offers unique custom-built back-split family home. Features built-in cupboards, old brick fireplaces, open-beam cedar ceiling, rosewood cupboards in bright kitchen. Many extras. A dream for only \$121,900. Telephone Pat Anderson, 434-4460, residence; 435-4869, business.

For rent—1 September occupancy. Four-bedroom two-storey; approximately 2,400 square feet with finished basement, 2½ baths, three fireplaces, two-car attached garage, family

**DID YOU KNOW YOU CAN BUY**  
 • GOURMET COFFEES •  
 • SELECT TEAS •  
 • MANY ACCESSORIES •  
 — & —  
 • EUROPEAN CHOCOLATE •  
**-RIGHT ON CAMPUS. WHERE?**  
 at  
  
 .. 8907-112 St. - HUB MALL  
 OPEN MONDAY - FRIDAY 9am. to 5pm.

room; on large lot on Westbrook Drive. Telephone 435-5639.

For sale—Petrolia. Four-bedroom two-storey home, 1,600 square feet with 1½ baths, fully finished basement, including family room, den, and utility. Features include hardwood flooring on ground and first levels, fireplaces in both living and family rooms, built-in bookcases and fish tank in living room, built-in range, dishwasher and humidifier; attached garage, mature landscaping, large trees, perennial and vegetable garden. Principals only. 435-5530 after five.

Aspen Gardens—Ravine-view, custom bungalow. Owner sale. Three bedrooms, fieldstone fireplace, cedar walls, air conditioned, burglar alarm, humidifier, downstairs fully developed, two furnaces; beautifully landscaped, fountain. Possession 31 August. \$106,000. Principals only. 435-4048.

For sale—view property on Saskatchewan Drive. 1,800-square-foot bungalow in beautiful park-like setting. To view this exclusive listing, telephone Marg Collins, Royal Trust, 435-4869; residence, 435-7449.

Summer rental—renovated, partly furnished five-bedroom older house. Walking distance to University; near shopping. 439-0954 or 432-5117.

Parkallen—by owner, 1,300-square-foot four-bedroom semibungalow. \$68,500. 436-1588. No agents.

For rent—Malmö, four-bedroom fully furnished family home, all major appliances, 2½ baths, family room, fireplace; double garage. 1 August 1977 to 31 July 1978. No pets. \$550 monthly. 434-5483; 432-5116.

Owner—two-bedroom condominium (one of fourplex). Landscaped double lot, Mill Woods. Fully carpeted, balcony, open fireplace, carport, four appliances. Twenty minutes from campus. No agents. \$50,950 or offers. Viewing: 462-2795 evenings.

Executive home for sale—asking \$169,000. 2,240 square feet, large lot overlooking southwest ravine. Liz Crockford, 434-0555;

#### We're moving!

effective July 4, 1977

#### University of Alberta Employees Savings and Credit Union

will be located in  
295 Central Academic Building

Monday to Thursday 11:30 a.m.—4 p.m.  
George Potter, manager phone 432-3256



#### Guest Ranch Ltd. (The Black Cat Ranch)

Open year round on the eastern boundary of beautiful Jasper National Park—11 miles off Highway 16.

■ Tourist Accommodation ■ Seminars, Study Groups, Small Meetings ■ Separate Children's Camp

Write for Details: PB Guest Ranch Ltd.  
Box 542  
Hinton, Alberta, Canada  
T0E 1B0

business, 435-5250. Bob Hemmingway, 434-8549. Spencer Real Estate.

For sale—four bedrooms, two full bathrooms, fieldstone fireplace in the living room, glassed-in deck off the dining room, beautiful library-family room with two walls of mahogany bookshelves and cabinets. Mature trees, quiet street in Riverbend. Telephone Liz Crockford, 434-0555; business, 436-5250; 426-5880 page 894. Spencer Real Estate.

Located in Lansdowne—spacious three-bedroom bungalow, ideal for the family interested in a home near the University, with easy access to all amenities. Price: \$102,900. This home offers two fireplaces, double garage, and large lot. Bob Hemmingway, 434-8549; Liz Crockford, 434-0555; business 436-5250. Spencer Real Estate. Home for sale—Lansdowne. Preferred area, near University, schools, shopping. Excellent condition. 434-4731.

For sale—108 Avenue - 125 Street. Older semi-bungalow. Four bedrooms, open fireplace, appliances; garage, private 50 x 150-foot landscaped lot with mature trees. \$59,900. Telephone Goetz, Crescent Realty 439-0035; 436-1134.

For sale—exceptional townhouse, four bedrooms. Mill Woods. Good location. Evenings, 462-3954.

#### Accommodation wanted

House wanted—a family from Red Deer requires three- or four-bedroom home in Windsor Park, with September possession. Will pay up to \$100,000. Please telephone Dorothy Hamilton, 439-7371; 436-8509. Kellough Realty.

Couple (student and teacher with infant, and outside dog) requires house, University area. Immediately. 435-5266.

Sessional lecturer (September 1977 to July 1978 minimum) requires one- or two-bedroom furnished apartment. Married, no children or pets. Clean and responsible. Rental range: \$250 - \$300 monthly. Write to: Brian R. MacPherson, Faculty of Medicine, Memorial University, St. John's, Newfoundland A1B 3V6 (709-737-6890).

Wanted to rent—11 July to 10 August, furnished house or apartment, preferably close to University. Visiting professor, wife, and two small children. Telephone Ms. Fletcher, 432-3394.

Reliable family want to rent home from 15 - 20 August until the end of December. 484-0705. Graduate couple require two- three-bedroom house or apartment for rent (unfurnished) for 1 August possession. Prefer University area. References. 482-3556.

#### Automobiles and accessories

1975 Ford LTD Country Squire—21,000 miles, power steering, power brakes, automatic.

Excellent condition. \$4,500. 432-5690; 487-3163.

1975 MG Midget—approximately 11,000 miles.

\$2,800. Telephone 466-4460 after five.

#### Goods and services

Plumbing—for estimates on basement bathrooms, repairs, gasfitting, etc., call 465-7079.

Babies—three- to nine-month-old volunteers needed for a short observation of early learning. Dr. Cornell, 432-5216.

Interested in good, dependable rototilling, levelling, landscaping service? Telephone Jerry, 439-3531.

Antiques from England—Victorian furniture, tables, chairs, sideboards, chests, bookcases, stools.

dolls, jewellery, clocks, porcelain—Derby, Doulton, Dux, Dresden, Worcester, Oriental.

Art nouveau, art deco, commemoratives, carnival glass, pictures, gifts, collectables. Mary Goulden Antiques. Horsehill Hall, from junction 137

Avenue and 50 Street, drive five miles north, then 1½ miles east: 2 - 8 p.m. Thursday through Sunday. 973-3656, 475-8139. Also at corner of 109A Avenue and 135 Street.

Thursday, Friday, Saturday, 10 - 5 p.m. 452-0397.

University Student Painting—Experienced.

Interior, exterior; commercial and residential. Free estimates. 434-4833.

Camping in Hawaii—Christmas Break and two-week trips this winter. Includes meals, bus, equipment and, by helicopter, two days on isolated beach. Brochure available 15 August. But write today! Canadian Camping Tours, 250e One Palliser Square, Calgary. T2G 0P6.

Amway quality products. Telephone 488-6164 evenings.

Follow the open road with Canadian Camping Tours. Explore the Maritimes by bus and tent, twenty-three days, \$495. Travel the Alaska Highway and sail the Inside Passage, twenty-two days, \$575. Camp in California, twenty-two days, \$490. Meals and equipment included.

Write to Canadian Camping Tours, 250e One Palliser Square, Calgary T2G 0P6.

Three-drawer filing cabinet; excellent condition; wood-grain finish. \$65. 482-6622 after five.

Modern rosewood dining table and four chairs. Extends to seat twelve. \$450. 434-0643.

Quality interior and exterior home painting. Licensed, bonded. Reasonable. 436-2988 or 432-7064.

Sony tape recorder 530; Sansui amplifier AU-555; Westinghouse twelve-cubic-foot refrigerator; metal garage door 8 x 7. Telephone Murdeshwar, 432-3531 or 439-9460 evenings.

Electric Hammond organ, mint condition, \$850; exercise bicycle, \$35; teak bookcase, \$55; quality stereo, \$250. 474-1915.

Ping-pong table, bats, balls, net. Excellent condition. \$30. 467-3764; 432-3478.

Must sell—two rail tickets, Edmonton to Toronto. Valid until 23 July 1977. Telephone 455-1247.

Cedar siding; Channel shiplap. Half price. 1,000 feet: \$250. 487-1363 evenings.

Kingsize bedroom; desk; bookcases; HiFi components; color TV. 487-1363 evenings.

For sale—complete set of *The Great Books*. Almost new. \$500. 433-6371.

#### Stained Glass Windows

#### Art Glass & Mosaic Works of Western Canada

Designing-Manufacturing

Installations

Restorations-Repairs

No. 3 9430-118 Ave.

Edmonton 477-1601



UNIVERSITY BRANCH  
"Serving South West Edmonton"

CARLY MACLEOD, B. Ed.

10624 - 82 Avenue  
EDMONTON, ALBERTA

Bus 439-3995  
Res 423-2689